



Revision number: 1

Purchasing Agent: DEBBIE GUNDERSEN

Item: SNOW PLOWS, VEHICLE MOUNTED, CUTTING EDGES, PLOW GUARDS

Vendor: 13273H WINTER EQUIPMENT CO. INC.
4750 BEIDLER ROAD
WILLOUGHBY OH 44094

Internet Homepage: sales@winterequipment.com

Telephone: 800 294-6837

Fax number: 888 810-9363

Contact: KENT WINTER

Email address: www.winterequipment.com

Brand/trade name:

Price: SEE ATTACHED PRICE LIST

Terms: NET 30

Effective dates: 08/30/00 through 08/30/03

Days required for delivery:

Price guarantee period:

Minimum order:

Min shipment without charges: *PRICES ARE FOB ORIGIN

Other conditions: 1 (1) YEAR RENEWAL OPTIONS

REVISION #1: Extending this contract until 08/30/03.

*SHIPPING: CONTACT DAN REISNER @ (801) 538-3216 FOR HELP WITH FREIGHT.

This contract covers only those items listed in the price schedule. It is the responsibility of the agency to ensure that other items purchased are invoiced separately. State agencies will place orders directly with the vendor (creating a PG in Finet) and make payments for the same on a PV referencing the original PG. Agencies will return to the vendor any invoice which reflects incorrect pricing.



- #1 - SNOW PLOW GUARD LEFT 1" X 6" X 2'
SNOW PLOW CUTTING EDGES, PLOW GUARD LEFT \$115.25/EA.
- #2 - BLADE SNOW PLOW GUARD STRAIGHT 1" X 6" X 2'
SNOW PLOW CUTTING EDGES, PLOW GUARD STRAIGHT \$91.32/EA.
- #3 - BLADE SNOW PLOW GUARD RIGHT 1" X 6" X 2'
SNOW PLOW CUTTING EDGES, PLOW GUARD RIGHT \$115.25/EA.

NOTE: FREIGHT CHARGES ARE NOT INCLUDED IN THIS PRICING DUE TO VARIOUS ORDER QUANTITIES. CONTACT DAN REISNER @ (801) 538-3216 TO SEE IF HE CAN CUT YOUR SHIPPING COSTS.

SPECIFICATIONS:

STEEL: HIGH IMPACT, LOW CARBON (.35 MAX) AR TYPE MATERIAL.

IMPACT BAR: HIGH IMPACT, CARBON STEEL BAR. 1/4" X 1 1/4" RUNNING THE FULL LENGTH OF FRONT WELD CUTTING EDGE. MUST BE WELDED TO TOP FRONT SURFACE OF GUARD WITH 3/16" CONTINUOUS FILLET WELD MINIMUM, AND BE COMPLETELY FUSED TO WELD OVERLAY.

BOLT HOLES: DRILLED/PUNCHED AND COUNTERSUNK SQUARE TO ACCEPT 5/8" DIA. PLOW BOLTS.

PAINT: PAINTED TO BE BRIGHT SAFETY ORANGE - CORROSION RESISTANT.

WELD: CUTTING EDGE HARD-SURFACE WELD SHALL MEET THE FOLLOWING MINIMUM CHEMICAL ANALYSIS:

MINIMUM%	WELD CENTER	WELD CAP
CARBON	2.5	4.0
SILICON	1.5	.5
CHROME	11.00	24.00
HIGH TEMP. CARBIDE FORMERS	.5	.5
NITRIDE FORMERS	.5	.5
FE	BALANCE	BALANCE
Rc HARDNESS	50. MIN	55. MIN.



WELD

THICKNESS: (CUTTING EDGE) WELD HEIGHT 3/4" HEIGHT MINIMUM - TO BE PARALLEL AND FLUSH (PLUS OR MINUS 1/32) WITH BLADE SIDE OF GUARD. WELD OVERLAY MUST BE COMPLETELY FUSED TO FRONT IMPACT BAR.

(CURB CORNER) INCHES IN 11 INCHES 2 X 3/16 INCHES IN THICKNESS AND TO ALSO RUN ALONG BOTTOM EDGE OF CURB RADIUS. WELD DEPOSIT TO CONFORM TO "WELD CENTER" MIN. CHEMISTRY SPECIFICATIONS.

WELD

RELIEF CHECKS: WEAR EDGE MUST FORM VERTICAL CROSS CHECKS OF ONE CHECK MINIMUM INCH OF LONGITUDINAL WELD.

CUTTING EDGE

RAKE ANGLE: CUTTING EDGE WELD TO HAVE 1/2" WELD BEAD ALONG FRONT EDGE SO GUARD CONFORMS TO BLADE WEAR ANGLE.

THE BLADES FURNISHED UNDER THESE SPECIFICATIONS ARE TO BE CURRENT MODEL. THEY ARE TO MEET THE FOLLOWING MINIMUM SPECIFICATIONS BUT ARE NOT LIMITED AS TO FEATURES FURNISHED BY THE MANUFACTURER.

DETAILED SPECIFICATIONS:

DIMENSIONS HEIGHT 6", LENGTH APPROXIMATELY 2', HOLE GAUGE 1 1/8" AS PER ATTACHED DRAWING.

EDGE TO BE COMPLEX CHROME CARBIDE WELD APPROXIMATELY 3/4 INCH HIGH.

DESIGN BLADED TO BE OF STRAIGHT DESIGN, LEFT HAND CURB GUARD DESIGN AND RIGHT HAND CURB GUARD DESIGN.

LABEL TO BE LABELED INDICATING APPLICATION OF BLADE.

REPORTS:

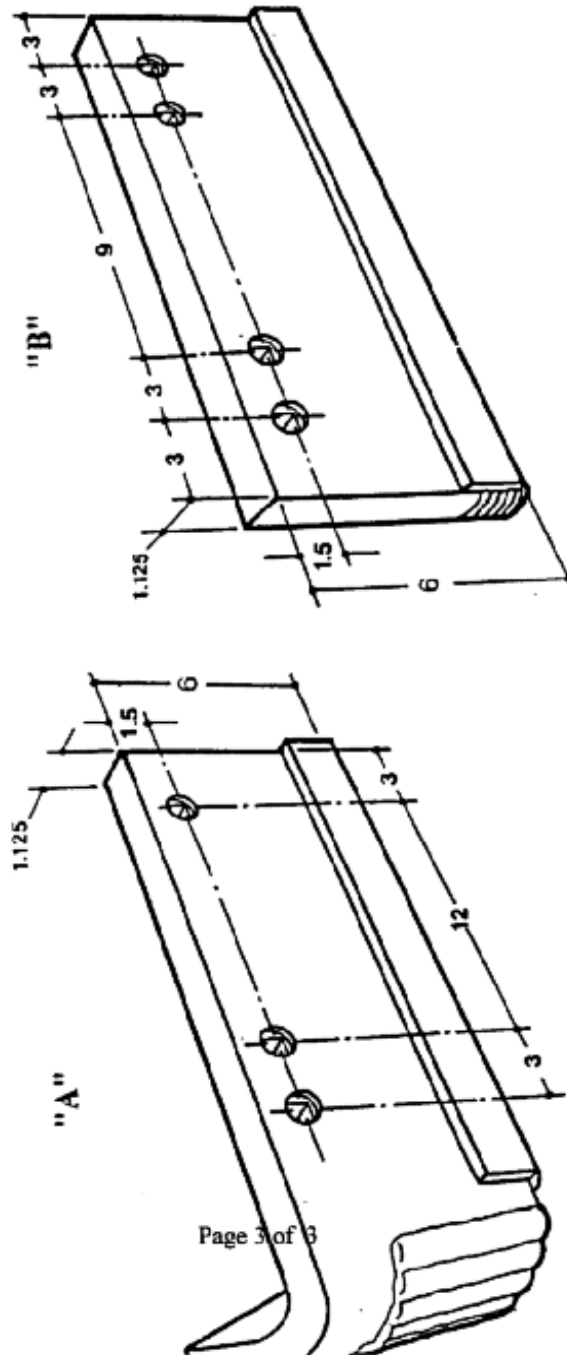
THE CONTRACTOR WILL SUBMIT YEARLY REPORTS TO THE STATE PURCHASING AGENT SHOWING QUANTITIES AND DOLLAR VOLUME OF PURCHASES BY EACH AGENCY AND POLITICAL SUBDIVISION. THIS REPORT WILL BE DUE 08/01/2003.

FINET COMMODITY CODE(S): **FOR AGENCY USE ONLY**

76561000000- SNOW PLOW, VEHICLE MOUNTED



Utah Department of Transportation



PLOW GUARDS - Weights
"A" 55lbs. min.
"B" 42lbs. min.